

Titles of Most Frequently Occurring Classifications of Patents Returned  
From A Search of 10775036 on September 08, 2005

- 11 370/331 (4 OR, 7 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/310 COMMUNICATION OVER FREE SPACE  
370/328 .Having a plurality of contiguous regions  
served by respective fixed stations  
370/329 ..Channel assignment  
370/331 ...Hand-off control
- 11 455/436 (4 OR, 7 XR)  
Class 455 : TELECOMMUNICATIONS  
455/403 RADIOTELEPHONE SYSTEM  
455/422.1 .Zoned or cellular telephone system  
455/436 ..Handoff
- 9 455/442 (2 OR, 7 XR)  
Class 455 : TELECOMMUNICATIONS  
455/403 RADIOTELEPHONE SYSTEM  
455/422.1 .Zoned or cellular telephone system  
455/436 ..Handoff  
455/442 ...Soft handoff
- 5 455/437 (1 OR, 4 XR)  
Class 455 : TELECOMMUNICATIONS  
455/403 RADIOTELEPHONE SYSTEM  
455/422.1 .Zoned or cellular telephone system  
455/436 ..Handoff  
455/437 ...Mobile assisted or initiated
- 5 455/450 (0 OR, 5 XR)  
Class 455 : TELECOMMUNICATIONS  
455/403 RADIOTELEPHONE SYSTEM  
455/422.1 .Zoned or cellular telephone system  
455/450 ..Channel allocation
- 4 370/338 (0 OR, 4 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/310 COMMUNICATION OVER FREE SPACE  
370/328 .Having a plurality of contiguous regions  
served by respective fixed stations  
370/338 ..Contiguous regions interconnected by a local  
area network
- 4 455/432.1 (1 OR, 3 XR)  
Class 455 : TELECOMMUNICATIONS  
455/403 RADIOTELEPHONE SYSTEM  
455/422.1 .Zoned or cellular telephone system  
455/432.1 ..Roaming
- 4 455/438 (2 OR, 2 XR)  
Class 455 : TELECOMMUNICATIONS  
455/403 RADIOTELEPHONE SYSTEM  
455/422.1 .Zoned or cellular telephone system  
455/436 ..Handoff  
455/438 ...Serving site initiated
- 4 455/525 (1 OR, 3 XR)  
Class 455 : TELECOMMUNICATIONS  
455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS

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455/500 .Plural transmitters or receivers (i.e., more than two stations)

455/507 ..Central station (e.g., master, etc.)

455/517 ...To or from mobile station

455/524 ....Multiple base stations

455/525 .....Base station selection

3 370/329 (0 OR, 3 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

370/310 COMMUNICATION OVER FREE SPACE

370/328 .Having a plurality of contiguous regions served by respective fixed stations

370/329 ..Channel assignment

3 455/435.1 (1 OR, 2 XR)

Class 455 : TELECOMMUNICATIONS

455/403 RADIOTELEPHONE SYSTEM

455/422.1 .Zoned or cellular telephone system

455/435.1 ..Registration

3 455/439 (0 OR, 3 XR)

Class 455 : TELECOMMUNICATIONS

455/403 RADIOTELEPHONE SYSTEM

455/422.1 .Zoned or cellular telephone system

455/436 ..Handoff

455/439 ...Handoff initiated by another source (e.g., target, user initiated, mobile switching center (MSC), or mobile telephone switching office (MTSO), etc.)

3 455/522 (2 OR, 1 XR)

Class 455 : TELECOMMUNICATIONS

455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS

455/500 .Plural transmitters or receivers (i.e., more than two stations)

455/507 ..Central station (e.g., master, etc.)

455/517 ...To or from mobile station

455/522 ....Transmission power control technique

3 455/561 (1 OR, 2 XR)

Class 455 : TELECOMMUNICATIONS

455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G., TRANSCEIVER)

455/550.1 .Radiotelephone equipment detail

455/561 ..Base station detail

3 455/67.11 (1 OR, 2 XR)

Class 455 : TELECOMMUNICATIONS

455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS

455/67.11 .Having measuring, testing, or monitoring of system or part

2 370/252 (2 OR, 0 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

370/241 DIAGNOSTIC TESTING (OTHER THAN SYNCHRONIZATION)

370/252 .Determination of communication parameters

2 370/332 (1 OR, 1 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

370/310 COMMUNICATION OVER FREE SPACE

370/328 .Having a plurality of contiguous regions

served by respective fixed stations

370/329 ..Channel assignment  
 370/331 ...Hand-off control  
 370/332 ....Based upon a particular signal quality measurement

- 2 370/350 (0 OR, 2 XR)  
 Class 370 : MULTIPLEX COMMUNICATIONS  
 370/310 COMMUNICATION OVER FREE SPACE  
 370/345 ..Combining or distributing information via time channels  
 370/350 ..Synchronization
- 2 370/390 (1 OR, 1 XR)  
 Class 370 : MULTIPLEX COMMUNICATIONS  
 370/351 PATHFINDING OR ROUTING  
 370/389 ..Switching a message which includes an address header  
 370/390 ..Replicate messages for multiple destination distribution
- 2 370/395.1 (1 OR, 1 XR)  
 Class 370 : MULTIPLEX COMMUNICATIONS  
 370/351 PATHFINDING OR ROUTING  
 370/389 ..Switching a message which includes an address header  
 370/395.1 ..Message transmitted using fixed length packets (e.g., ATM cells)
- 2 370/401 (0 OR, 2 XR)  
 Class 370 : MULTIPLEX COMMUNICATIONS  
 370/351 PATHFINDING OR ROUTING  
 370/389 ..Switching a message which includes an address header  
 370/400 ..Having a plurality of nodes performing distributed switching  
 370/401 ...Bridge or gateway between networks
- 2 370/465 (1 OR, 1 XR)  
 Class 370 : MULTIPLEX COMMUNICATIONS  
 370/464 COMMUNICATION TECHNIQUES FOR INFORMATION CARRIED IN PLURAL CHANNELS  
 370/465 ..Adaptive
- 2 370/469 (0 OR, 2 XR)  
 Class 370 : MULTIPLEX COMMUNICATIONS  
 370/464 COMMUNICATION TECHNIQUES FOR INFORMATION CARRIED IN PLURAL CHANNELS  
 370/465 ..Adaptive  
 370/469 ..Processing multiple layer protocols
- 2 370/474 (0 OR, 2 XR)  
 Class 370 : MULTIPLEX COMMUNICATIONS  
 370/473 ..Transmission of a single message having multiple packets  
 370/474 ..Assembly or disassembly of messages having address headers
- 2 370/535 (0 OR, 2 XR)  
 Class 370 : MULTIPLEX COMMUNICATIONS  
 370/473 ..Transmission of a single message having multiple packets  
 370/498 ..Combining or distributing information via time

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channels

370/535 ..Multiplexing combined with demultiplexing

- 2 455/410 (0 OR, 2 XR)
  - Class 455 : TELECOMMUNICATIONS
  - 455/403 RADIOTELEPHONE SYSTEM
  - 455/410 ..Security or fraud prevention
- 2 455/428 (0 OR, 2 XR)
  - Class 455 : TELECOMMUNICATIONS
  - 455/403 RADIOTELEPHONE SYSTEM
  - 455/422.1 ..Zoned or cellular telephone system
  - 455/427 ..Space satellite
  - 455/428 ...Switching or routing
- 2 455/433 (1 OR, 1 XR)
  - Class 455 : TELECOMMUNICATIONS
  - 455/403 RADIOTELEPHONE SYSTEM
  - 455/422.1 ..Zoned or cellular telephone system
  - 455/432.1 ..Roaming
  - 455/433 ...Home location registration (HLR) or visitor location registration (VLR) detail
- 2 455/434 (1 OR, 1 XR)
  - Class 455 : TELECOMMUNICATIONS
  - 455/403 RADIOTELEPHONE SYSTEM
  - 455/422.1 ..Zoned or cellular telephone system
  - 455/434 ..Control or access channel scanning
- 2 455/443 (0 OR, 2 XR)
  - Class 455 : TELECOMMUNICATIONS
  - 455/403 RADIOTELEPHONE SYSTEM
  - 455/422.1 ..Zoned or cellular telephone system
  - 455/436 ..Handoff
  - 455/443 ...Overlapping cells
- 2 455/445 (0 OR, 2 XR)
  - Class 455 : TELECOMMUNICATIONS
  - 455/403 RADIOTELEPHONE SYSTEM
  - 455/422.1 ..Zoned or cellular telephone system
  - 455/445 ..Call routing (e.g., to prevent backhaul, routing efficiency, least cost, or alternate routing)
- 2 455/452.1 (1 OR, 1 XR)
  - Class 455 : TELECOMMUNICATIONS
  - 455/403 RADIOTELEPHONE SYSTEM
  - 455/422.1 ..Zoned or cellular telephone system
  - 455/450 ..Channel allocation
  - 455/452.1 ...Dynamic allocation
- 2 455/452.2 (1 OR, 1 XR)
  - Class 455 : TELECOMMUNICATIONS
  - 455/403 RADIOTELEPHONE SYSTEM
  - 455/422.1 ..Zoned or cellular telephone system
  - 455/450 ..Channel allocation
  - 455/452.1 ...Dynamic allocation
  - 455/452.2 ....Based on service quality (e.g., bandwidth, etc.)
- 2 455/453 (1 OR, 1 XR)
  - Class 455 : TELECOMMUNICATIONS
  - 455/403 RADIOTELEPHONE SYSTEM
  - 455/422.1 ..Zoned or cellular telephone system

- 455/450           ..Channel allocation
- 455/453           ...Load balancing
- 2 455/456.6       (2 OR, 0 XR)
  - Class 455 : TELECOMMUNICATIONS
  - 455/403       RADIOTELEPHONE SYSTEM
  - 455/422.1     .Zoned or cellular telephone system
  - 455/456.1     ..Location monitoring
  - 455/456.6     ...At remote station (i.e., mobile station)
- 2 455/458        (1 OR, 1 XR)
  - Class 455 : TELECOMMUNICATIONS
  - 455/403       RADIOTELEPHONE SYSTEM
  - 455/422.1     .Zoned or cellular telephone system
  - 455/458       ..Specific paging technique
- 2 455/461        (0 OR, 2 XR)
  - Class 455 : TELECOMMUNICATIONS
  - 455/403       RADIOTELEPHONE SYSTEM
  - 455/461       .Including personal numbering system (i.e.,  
                  intelligent network for subscriber tracking or follow-me  
                  subscriber feature)
- 2 455/502        (0 OR, 2 XR)
  - Class 455 : TELECOMMUNICATIONS
  - 455/39        TRANSMITTER AND RECEIVER AT SEPARATE STATIONS
  - 455/500        .Plural transmitters or receivers (i.e., more  
                  than two stations)
  - 455/501        ..Noise, distortion, or singing reduction
  - 455/502        ...Synchronized stations
- 2 455/552.1      (1 OR, 1 XR)
  - Class 455 : TELECOMMUNICATIONS
  - 455/73        TRANSMITTER AND RECEIVER AT SAME STATION (E.G.,  
                  TRANSCIVER)
  - 455/550.1      .Radiotelephone equipment detail
  - 455/552.1      ..Operable on more than one system
- 2 455/560        (0 OR, 2 XR)
  - Class 455 : TELECOMMUNICATIONS
  - 455/73        TRANSMITTER AND RECEIVER AT SAME STATION (E.G.,  
                  TRANSCIVER)
  - 455/550.1      .Radiotelephone equipment detail
  - 455/560        ..Switching unit detail (e.g., mobile telephone  
                  switching office (MTSO), base station controller (BSC),  
                  etc.)
- 2 455/63.1       (1 OR, 1 XR)
  - Class 455 : TELECOMMUNICATIONS
  - 455/39        TRANSMITTER AND RECEIVER AT SEPARATE STATIONS
  - 455/63.1        .Distortion, noise, or other interference  
                  prevention, reduction, or compensation
- 2 455/67.13      (0 OR, 2 XR)
  - Class 455 : TELECOMMUNICATIONS
  - 455/39        TRANSMITTER AND RECEIVER AT SEPARATE STATIONS
  - 455/67.11      .Having measuring, testing, or monitoring of  
                  system or part
  - 455/67.13      ..Noise, distortion, or unwanted signal  
                  detection (e.g., quality control, etc.)

2 455/69 (0 OR, 2 XR)  
Class 455 : TELECOMMUNICATIONS  
455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS  
455/68 .With control signal  
455/69 ..Transmitter controlled by signal feedback  
from receiver

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Original Classifications

4 370/331  
4 455/436  
2 370/252  
2 455/438  
2 455/442  
2 455/456.6  
2 455/522

Cross-Reference Classifications

7 370/331  
7 455/436  
7 455/442  
5 455/450  
4 370/338  
4 455/437  
3 370/329  
3 455/432.1  
3 455/439  
3 455/525  
2 370/350  
2 370/401  
2 370/469  
2 370/474  
2 370/535  
2 455/410  
2 455/428  
2 455/435.1  
2 455/438  
2 455/443  
2 455/445  
2 455/461  
2 455/502  
2 455/560  
2 455/561  
2 455/67.11  
2 455/67.13  
2 455/69

Combined Classifications

11 370/331  
11 455/436  
9 455/442  
5 455/437  
5 455/450  
4 370/338  
4 455/432.1  
4 455/438  
4 455/525  
3 370/329  
3 455/435.1  
3 455/439  
3 455/522  
3 455/561  
3 455/67.11  
2 370/252  
2 370/332  
2 370/350  
2 370/390

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2 370/395.1  
2 370/401  
2 370/465  
2 370/469  
2 370/474  
2 370/535  
2 455/410  
2 455/428  
2 455/433  
2 455/434  
2 455/443  
2 455/445  
2 455/452.1  
2 455/452.2  
2 455/453  
2 455/456.6  
2 455/458  
2 455/461  
2 455/502  
2 455/552.1  
2 455/560  
2 455/63.1  
2 455/67.13  
2 455/69